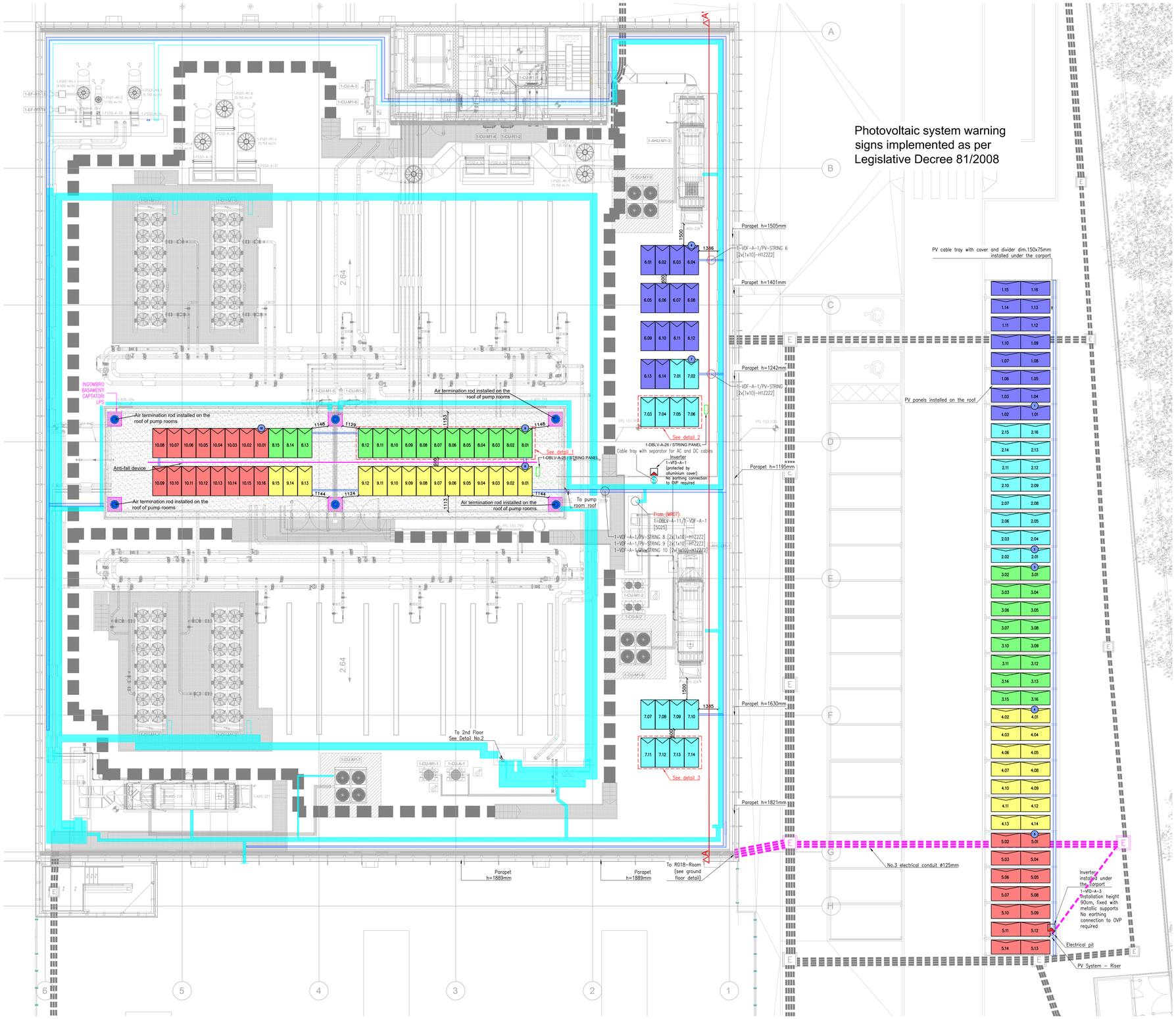
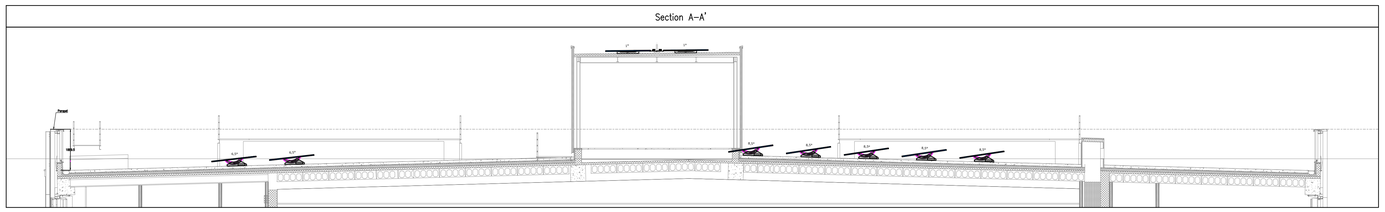
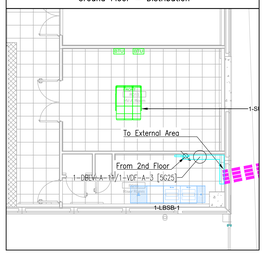


Section A-A'

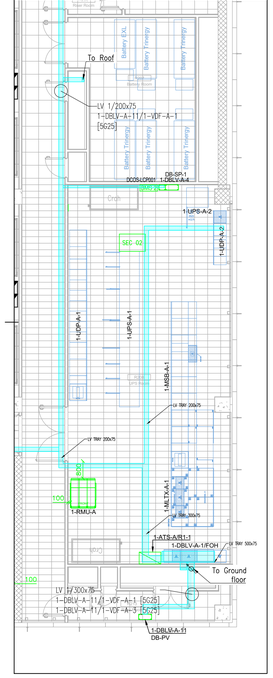


LEGEND		TECHNICAL SPECIFICATION REFERENCE
1-DBLV-A11	Distribution Board DB-PV	
	PV Inverter 27kW	ML051-BYE-00-ZZ-TS-E-POWR-0134
	Cable Ladder (LV) tray Sendzimir galvanized steel	ML051-BYE-00-ZZ-TS-E-TRAY-033
	Secondary distribution (SD) wiremesh cable tray with separator	ML051-BYE-00-ZZ-TS-E-TRAY-006
1.01	String 1 – PV System A	ML051-BYE-00-ZZ-TS-E-POWR-0113
2.01	String 2 – PV System A	ML051-BYE-00-ZZ-TS-E-POWR-0113
3.01	String 3 – PV System A	ML051-BYE-00-ZZ-TS-E-POWR-0113
4.01	String 4 – PV System A	ML051-BYE-00-ZZ-TS-E-POWR-0113
5.01	String 5 – PV System A	ML051-BYE-00-ZZ-TS-E-POWR-0113
6.01	String 6 – PV System B	ML051-BYE-00-ZZ-TS-E-POWR-0113
7.01	String 7 – PV System B	ML051-BYE-00-ZZ-TS-E-POWR-0113
8.01	String 8 – PV System B	ML051-BYE-00-ZZ-TS-E-POWR-0113
9.01	String 9 – PV System B	ML051-BYE-00-ZZ-TS-E-POWR-0113
10.01	String 10 – PV System B	ML051-BYE-00-ZZ-TS-E-POWR-0113
	Air termination rod h=3500mm Cross Section 176mm2 in galvanized steel	ML051-BYE-00-ZZ-TS-E-LTNG-0083
PV System P: 60.00kWp Number of modules: 150 modules – monocrystalline 400 Wp/module (dim.998x2067mm) No.2 inverters Pmax=27kW No.14/15/16 modules in series No.10 strings		ML051-BYE-00-ZZ-TS-E-POWR-0134
NOTE: – The connection to the Distributor network must be CEI 0-16 Standard compliant; – For the characteristics of the Inverter protection MCB (type and nominal differential current) refer to the inverter manufacturer's specifications;		

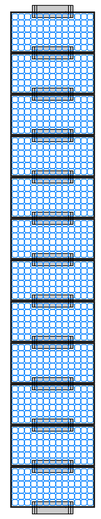
Ground Floor – Distribution



Second Floor – Distribution

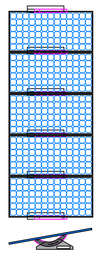


DETAIL No.1 – Ballast positioning for 12 PV panels row



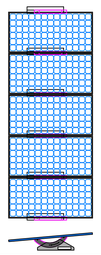
Ballast 0° – N.12 PV panels lines

DETAIL No.2 – Ballast positioning for 4 PV panels row



Ballast 10° – N.4 PV panels lines

DETAIL No.3 – Ballast positioning for 4 PV panels row



Ballast 5° – N.4 PV panels lines

Client:

EQUINIX

HAZARD IDENTIFICATION LEGEND:

HAZARD IDENTIFICATION (if none state 'none relevant')	CONTROL AND MITIGATION MEASURES

NOTE:
Hazards listed above are only those considered significant risks and:

or other designers;
b) unusual; or
c) likely to be difficult to manage effectively

Note 1:
For cable tray dimensions please refer the the specific documents (TRAY series)

Note 2:
Photovoltaic system warning signs implemented as per Legislative Decree 81/2008

REV	DATE	DESCRIPTION	DWN	CHK	APP
AB03	04/06/2021	AS-BUILT ISSUE	DRN	DRN	BYE
AB02	10/05/2021	AS-BUILT ISSUE	DRN	DRN	BYE
AB01	19/03/2021	AS-BUILT ISSUE	DRN	DRN	BYE
P03	13/01/2021	FIRST ISSUE RIBA 5	BYE	BYE	BYE
P02	09/10/2020	FIRST ISSUE RIBA 5	BYE	BYE	BYE
P01	21/10/2019	FIRST ISSUE RIBA 4	DRN	DRN	BYE

This drawing is valid only for MEP.
For other disciplines please refer to dedicated drawings.

GENERAL CONTRACTOR
BOUYGUES E&S InTec Italia S.p.a.
Via Giorgio Stephenson, 73 - 20157 Milan Italy
mail: info.intec.milano@bouygues-es.com
www.bouygues-es-intec.it

CONSULTANT
Deerns Italia S.p.A.
Via Guglielmo Silva, 36 - 20149 Milano, Italia
Tel: (+39) 02 36167898
Fax: (+39) 02 36167899
mail: milano@deerns.com
web: www.deerns.it

Project:
ML5.1

Drawing Title:
Electrical Services - PV System - Roof

Drawing Number:
ML051-BYE-RF-03-DR-E-POWR-1080

Scale:	Paper Size:	Purpose:	Revision:
Vary	A0	AB	AB03